

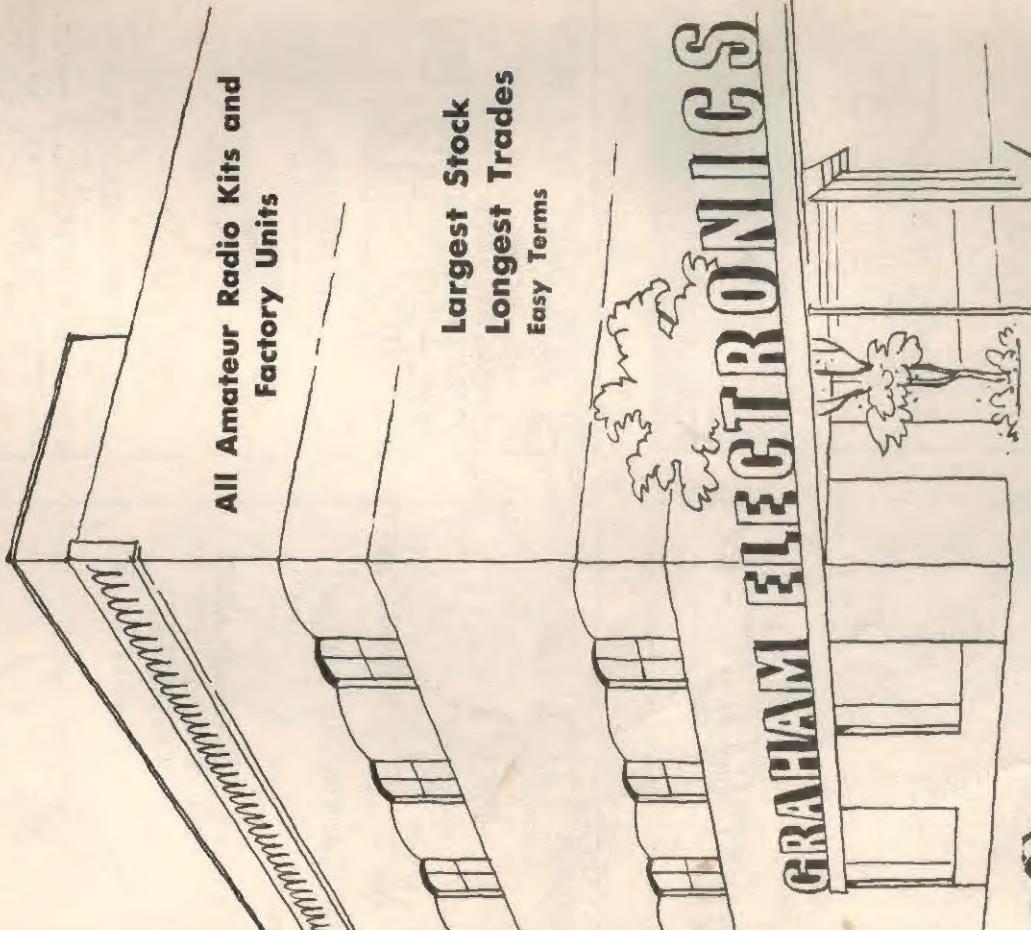
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Ham Chopper

All Amateur Radio Kits and
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Longest Trades
Easy Terms



MARCH - APRIL 1960

PUBLISHED BY
INDIANAPOLIS RADIO CLUB, INC.
FOUNDED 1916



INDIANAPOLIS RADIO CLUB, INC.
2223 E. 74th Street,
Indianapolis 20, Indiana

Robert Caskey W9DNQ
To: 2355 Stuart St.
Indianapolis, Ind.

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* * * * *

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each month.

Ham-Ads (5 line limit) are free to members and subscribers.
Others may use this facility at the rate of 50 cents per ad.

AMA-Chewer welcomes the forwarding of information on coming
events of other clubs in the area for publication in the
program section.

* * * * *

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PROGRAM SCHEDULE

March	25th	TRANSISTORS, their application and construction practices related to their use will be the topic of Mr. Dick Judkins, Chief Eng. of the Esterline Angus Co. If you have any apparatus using transistors, bring it to the meeting, so the gang can look it over.
April	8th	Regular Business Meeting, followed by the Second Annual "Homebrew Nite". See last issue for rules and general information. Brownie Point winner will be determined and prize awarded, so don't forget your confirming QSL's.
	9th	A.R.R.L. Central Division Convention Committee meeting at Claypool Hotel, Parlor T, at 11:00 A.M. All those interested are invited to attend.
	10th	I.R.C.C. Spring Meeting at Atherton Center, Butler University Campus, Indianapolis, Ind. To Be Announced.
May	13th	Regular Business Meeting
	20th	Annual Swap and Shop Nite. Note that this is the third Friday of the month. Please make this change in date known to non-members and non-subscribers.
	22nd	*****
	13th	Washington, D. C. have exchanged diplomatic notes with our good neighbors to the south, Haiti, and after all the whereas's and hereby's had found their right place in the agreement, 3rd party traffic was approved. This brings to 12 the number of countries that permit international traffic. It sure is great to know that our hobby is of such a nature, that governments all over the world acknowledge us. Lets hope that this publication can continue to report good news such as this.
	20th	Almost forgot to tell you that this agreement became effective February 5, 1960.

WISH WE COULD DO THIS EVERY MONTH

Ring the bells and tip your lids again, as the boys in Washington, D. C. have exchanged diplomatic notes with our good neighbors to the south, Haiti, and after all the whereas's and hereby's had found their right place in the agreement, 3rd party traffic was approved. This brings to 12 the number of countries that permit international traffic. It sure is great to know that our hobby is of such a nature, that governments all over the world acknowledge us. Lets hope that this publication can continue to report good news such as this.

Almost forgot to tell you that this agreement became effective February 5, 1960.

NEW MEMBERS
Dick M. Kinnett-Kn9VIE Bill C. Moeller-K9UHW
Elmer Taflinger-W9GRN Gene Elliott-Kn9UBN

OUR COVER

In 1955, Mr. and Mrs. Lyman Wolfla had no way of knowing that the spark of interest ignited in their son Hank, by a next door neighbor, would erupt into the roaring interest in Amateur Radio that he has today. Here is a story repeated many times of the boy who really has the "bug", the burning interest to live, eat and sleep radio, a potential leader in the development of modern electronics.

Hank, K9LZJ who is 15 years old and a sophomore at North Central High and doesn't remember when he wasn't interested in radio (a more reliable source-Mrs. Wolfla-says he was about 9 or 10) took his novice examination in 1958. He went on the air with a homebrew rig on 80, 40 and 15, racking up 30 states with his RN call. The N was dropped early in 1959 when Hank passed his General which really put K9LZJ into high gear. With the new ticket up on the wall Hank acquired a Viking II and a SX28 and began to work over the fone bands like they have never been worked before.

Sandwiched in between almost constant operation has been a fair sized construction program of power supplies, code monitors, phone patches, a Heath Kit Sixer, 75M mobile rig, etc.

Every Sunday morning finds K9LZJ acting as Net Control for the IFN, whose members get the info. from one of the three folded dipoles strung across the QTH. The DX bug hasn't gotten into the act yet, although there are several Central American prefixes in the log.

As is so often the case in this Amateur business, photography also has a small grip on Hank, and aside from being a pretty fair shutter bug, he does his own developing. In December 1959 Hank became an Associate Member of IRC, but even before that time he was a ready and willing worker. Since becoming a member Hank can be found anywhere from passing out ballots at election time to hoisting tents on Field Day.

It is a safe bet to predict that this young man will someday be one of the leading Amateurs in the state. Glad to have you on the IRC roll Hank.*****

SPLATTER
Did you notice the following ad in the March issue of QST?????
TRADE DX35 FOR RIFLE OR PISTOL-W5UZI
Oh come now, the QRM can't be that bad.....

This week I had the opportunity to read again Clinton DeSotos book "200 Meters and Down." It was first published about 1937 and covers very thoroughly, the growing pains of amateur radio, from the beginning up through 1936. The manner in which the TRADITION of our hobby was expressed seemed to me to be a most significant thing. As a matter of fact you get a genuine awesome feeling when you realize the role destiny has played in establishing and preserving amateur frequencies for our exclusive use. Destiny-with the uncanny foresight of the men who guided and organized the early experimenters who were to become recognized officially as "Amateurs" in the halls of government and by our law makers.

Our existance today is a privilege-a fact we all know-but more important-a privilege we must deeply respect. Reading "200 Meters and Down" will bring a better understanding and appreciation of what has gone before to bring our unique hobby to the enviable position it enjoys today. The old timers grew up with it-you might say he is the tradition and his respect and appreciation is apparent.

There were then, as there are now, those who consider their presence on the air their natural right due them because they have a ticket. To them regulations are far from important in their thinking. While it may be true that this type of amateur is in the minority, he gets more attention, just like the one man out of step in a parade. He is responsible for the skyrocketing of citations issued by the FCC and ARRL observers stations for out of band operation, harmonic radiation, improper procedure, poor quality, ungentlemanly conduct, etc.

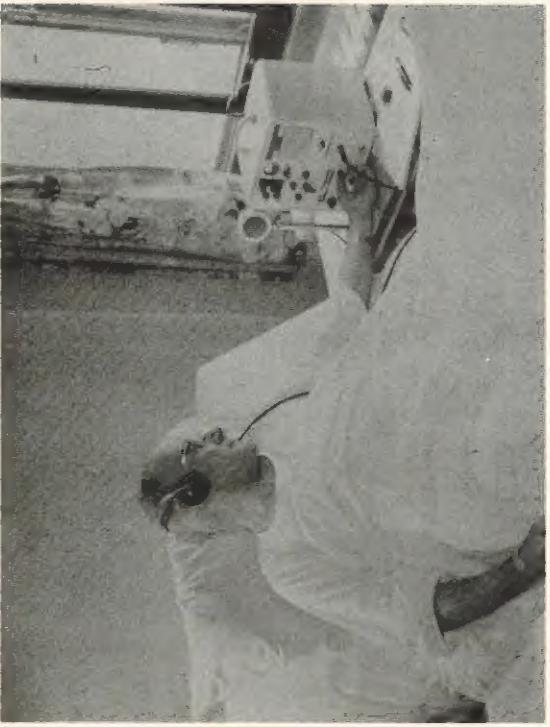
Conformance with license regulations should be an inherent desire of every amateur. A sincere attempt to give our name the dignity it deserves is essential and a constant effort to help the "misguided minority" will at least be a step in the right direction.

This book is now available from the League at a cost of \$2.00 and I recommend it as a must for every active amateur....

* * * * *

DOPEY DILDOCK SAYS

I find it to much trouble to walk around to the switch box to turn the power off and on while working on the rig, so I have one of my younger offsprings do it for me. I know they will never turn the power on unless I tell them to.



SPLATTER

Frank Black, W9MNA, alias the "Fox" has been giving the club "Gooney Box" a real work out from his hospital room, which as we see it, makes the clubs decision to purchase it a few months ago, a right smart move. We understand Frank thinks portable operation from a horizontal position is great, but that it gets old pretty fast, and that he is ready to assume the normal position as soon as he can.

Photo Courtesy K9JSF

* * * * *

The Chief Op. still has some openings for Field Day operating positions, and would welcome some team entries. Remember that a sucessful operation just doesn't happen, nor can you get the details set up a few hours before the contest starts.

NOW IS THE TIME TO GET YOUR BID IN FOR THE CLUB GOONEY BOX IF YOU PLAN TO USE IT DURING VACATION OR ON THAT WEEK END TRIP UP TO THE COTTAGE.

* * * * *

In looking through a ham-publication from our sister state, I found out that some editors are the bravest, boldest humans in the world. If you think we are kidding, read the following and we quote:
"I think this club and/or paper stinks for the following reasons.....
Please mail to Editor in time for next Publication.

* * * * *

The same old records were on the turn table and the same old taped announcements were being ground out every forty-five seconds down at the studios of WFBM on the morning of March 1st. The announcer looked through the window into the control room to see old Bert, K9JSF, the early AM engineer on duty, and through the use of those wierd hand signals they use, indicated that he was going into the news room to check the latest news reports.

He was back shortly and told Bert that he had picked up a request from the sheriff at Elwood, Indiana, asking for fire equipment from surrounding towns to fight a fire in the heart of the business district. Here was news in the making, hot copy for the WFBM listeners while they were having their morning coffee, but not a reporter or mobile unit about at 5:00 A.M.

At this point Bert stepped into the picture. He called Bob Foote, AFA9KGJ in Indianapolis and AFA9HAB at Elwood and the two stations got together up on 6 meters. Getting the picture, AFA9HAB hot footed it down to the fire, got a "on the spot view" and reported back to Bob, AFA9KGJ. Bob then phoned into the station and his relayed description was tapped for use as a news flash on the stations morning news. In the mean time the MARS AFA Net was alerted for possible action in the event the fire reached catastrophic proportions.

We understand that the General Mgr., Radio Mgr. and the gang from the news staff of WFBM all stopped by to congratulate Bert and the AFA stations for their fine work and left no doubt that they were sold on the fact that when the chips are down the amateurs can get the job done. This action may never make headlines, but it sure is great to know what kind of people we have to call fellow HAMS.

* * * * *

A ROLLING STONE GATHERS NO MOSS

As we published last month, plans are under way for the A.R.R.L. Central Division Convention, being sponsored by the Indiana Radio Club Council. We peeked into the pile of schedules, plans and proposed letters that the Chairman, Pat Husk, K9EUQ has scattered across his desk and found that several more active Hoosier Hams have volunteered their services to head up important phases of the Planning.

We will keep you informed of the plans as they develop so that you can be a part of this Convention which will be a great shot in the arm for amateurs in

IRC since way back in the roaring twenties, Mr. Bob Kryter, presented a stirring talk on "Space, Sputnicks and You." Mr. Kryter reviewed the purposes and planning behind the IGY project, which combined the skills of scientists from 64 countries, working together to give an international melting pot of scientific knowledge.

From the "why" of the IGY, Mr. Kryter explained the "why" of rockets and their importance to the scientists during the project and even more important their importance in the future. Mr. Kryter summed up this phase by explaining that the atmosphere, while it is the shield that makes life possible on earth, it is a dirty window to the scientist, through which he cannot see, therefore a window which he must go beyond if he is to learn the actual facts that exist in the unknown areas of space, and if he is to go beyond, he must have rockets.

What the rocket shots into space have already told us was covered and as Mr. Kryter progressed with this part of the program, we all began to realize just how little we really know and how much misinterpretation we have given to writings on the subject.

From this point the rockets themselves became the topic, and the problems envolved in getting them into space, left us with the feeling that the final math. examinations back in our high school and college days were, "Apple pie stuff", compared to this.

A description of the construction side of this amazing field of science was also covered, and summed up by a description of the "Atlas" rocket. Weighing 120 tons fully loaded with 90 tons of fuel, this monster rises straight up burning the entire fuel supply in 90 seconds, or at the fantastic rate of 1 ton per second. At its peak the "Atlas" generates about 3 million H.P., or about the same power that the Detroit Edison Power Co. plants can generate when running at peak load.

Mr. Kryter concluded his talk by saying we are living in a golden age of science, with more unkown frontiers to conquer than man ever dreamed of. What man will do with this knowledge and where it will take him in future years is more than anyone can forecast, however we know that knowledge such as this must be properly used or it will become a horrible enemy.

Mr. Kryter suggested that as man searches for the results of the Atomic Age and the scientific advances of the future, he should always keep this Bible quotation in mind, "What

If you haven't already done so, we suggest that you read the article by Budlong and Huntoon in the March issue of QST, concerning the activities at the Geneva Radio Conference which is a complete and comprehensive story of the problems, the methods used to overcome them and the final results. If you have any question as to "why an ARRL" after reading the article, go back and read it again, as we feel that this story points up the fact that the few green backs that we submit each year to its upkeep are well spent and a vital part of amateur radio.

GET THEM EARLY---GET THEM NOW

As with all conventions, the advance sale of registration tickets is the one thing that allows the leaders of such functions to operate without digging in their own pockets or hocking their gear for credit. There is little doubt that every ham in the Indianapolis area will attend the A.R.R.L. Central Division Convention here in Indpls. this Fall, so why not buy your advance ticket now at the cost of \$4.00 and give the guys that extra flexibility. It is normal in most convention ticket sales for the rush to come during the last two weeks prior to the big day, which just isn't the best of conditions. So dig down into the sack for your \$4.00 and get it in the mail to Pat Husk, our club treasurer, whose home QTH is listed in the front of the Ama-Chewer.

Who knows, maybe the pre-registration prize will be yours, which we understand will be a dandy. Reservation dates for special dinners will be announced as soon as they are available.

The we we look at it, Pat should get a letter from every IRC member real soon, as this small effort on our part will be on more nail in the house of success for the IRCC sponsorship.

* * * * *

GRAHAMS SPECIALS FOR THE MONTH

Gonset Communicator, 6 meters, FINE CONDITION-\$225.00
Hallicrafter S-85, REAL CLEAN-----\$ 86.50
National NC-98, NOT A SCRATCH, Like New-----\$ 95.00
Hallicrafter SR-34AC, A Real Buy-----\$315.00
Heath DX100, FAIR CONDITION-----\$135.00

* * * * *

This is the third in our series of stories on our advertisers who help bring the Ama-Chewer to you.

WELDING EQUIPMENT AND SUPPLY CO.
INDUSTRIAL AIR EQUIPMENT CO.

BOB OSTERHOUS W9PSE

Bob's ad appears on the inside back cover, as a ready reference to any of our members and subscribers.

A local product, Bob graduated from high school in 1950 and enrolled at the Purdue Extension, to start on his way toward an Engineering Degree.

During 1951 the ham bug bite and a novice ticket was the result, with a homebrew 6AG7 to a 807 and BC348 for tools. In 1952 the mailman brought that prized General sticker but the gear in the shack began to gather dust as Bob moved off to the Purdue campus and the day of graduation in 1954.

Uncle Sam stepped in at this point and Bob spent the next two years at Ft. Monmouth, N.J. and the Aberdeen Proving Grounds.

Returning home in November of 1956, he joined his father in the operation and management of their going concern, the Welding Equipment and Supply Co. which was established by Mr. Osterhous Sr. back in 1941. Soon a second and new branch of the business was organized which specialized in air equipment and was appropriately named the Industrial Air Equipment Co. Somewhere in the busy schedule Bob picked up a Harvey-Wells transmitter and a HQ129X and got back in the ham business. As time passed he graduated into SSB and can be heard on 40 meters whenever time permits.

Bob covers the state representing the company's Engineering Sales, offering specialized know how in the application of pneumatic systems and components. In this phase of the business Bob has developed a broad experience in many phases of automation, in which pneumatic units are playing an ever increasing role. The line of equipment represented by Industrial Air Equipment Co. ranges from 20 HP compressors down to the smallest control valves and cylinders. Many Engineering Departments across the state find this service and know how of tremendous value in their varied tool and special machine programs.

Last but not least Bob has been an active member of IRC having served as Secretary and is now the V.P. So when or if you have the need for this type of service, don't forget our advertiser and friend--W9PSE.

* * * * *

ALL COMMUNICATIONS ARE BEING SPEEDED UP

As most of our attention is directed to what is new in the way of amateur gear and new applications which effect us directly, we sometimes fail to keep an eye on what the commercial end of the business is doing. As an example we keep that very tough 13 WPM in mind and strive to inch it up into the twenties, while in the commercial field they are now using "broadband circuits" to transmit information in 45 seconds as will be found in a 50,000 word book.

The development of a system call "Time Assignment Speech Interpolation" by the AT & T Co., automatically assigns voice channels in telephone cables to the talker in intervals when other users of the cable are listening or pausing, yet complete privacy and ease of conversation is maintained, which almost doubles the capacity of existing cables. (Boy of Boy, what a deal for 80 meters. Ed.)

In the area of space communications, a primary step will take place during 1960 to study the possibilities of using micro-waves reflected from satellites. As part of the experiment, an aluminum reflecting sphere 100 feet in diameter is designed to inflate when a space vehicle containing it reaches the planned altitude of about 1,000 mi. Transmitting and receiving gear located at Holmdel, N.J. and Goldstone Lake, Calif. will be used in this "one bounce" experiment, which may lead to the use of satellites to provide transoceanic or even world-wide channels for voice, television and other means of intelligence.

As swiftly as developments are coming out of the engineering labs across the country, it makes us realize that the era of "Buck Rogers" is closer than we even dare to think.

* * * * *

NOT LIKELY BUT IT COULD HAPPEN ANYTIME

The powerful 7 watts of 50 mc. power that is being fed into your beam may never reach half way around the world, and the receiver may not be able to dig out a signal from the noises of nature, but its nice to know that 6m. is a full blown amateur-band in countries far removed from the USA. Knowing this and the normal action of sun spots, E layer, and all the other obstacles of VHF, it could happen that such countries as Rhodesia, Nyasaland, Belgian Congo, Ruaudi Urundi, Union of S. Africa, and the Territory of S.W. Africa, could be heard here in the USA, as amateurs in these countries are assigned 50 to 54 mc., while another country from down under, where they use kangaroos for loggers on Field Day, is assigned 56 to 58 mc. So if it ever happens, don't fall into a dead faint, as Mother Nature is a ever changing gal.

MARCH - APRIL

As you may have noticed, this issue bears the months, March and April on the cover, which does not mean we are going to six issues a year, nor have we run out of news for April. What is happening is a change in issue dates, so that the Ama-Chewer will arrive prior to the issue month, just like other national magazines do. (That word other just had to get in there ed.) As an example the May issue will be received at your QTH on or about the 19th of April and so on through out the year.

This change in publication could have been due to the fact that this is Leap Year and we lost that day in Feb. or it might be that the total eclipse of the moon in March affected our horiscope, but actually it is do to a memo from our Manager which merely said Jessie James's cousin wants the publication dates changed. So March and April it is and may we hope that you are not as confused as I am.

THE HEATH SIXER

The assembly of a Heath Co. 6M transceiver has just been completed at the QTH of K9LZJ, who has forwarded the following information for those contemplating the purchase of same.

The transmitter uses a 6AU8, with one-half operating as the osc. with a 5th overtone rock, while the other half operates as the final amplifier. The output is approximately 5 watts which is linked coupled to antennas of the 50 to 75 ohm range. The audio stage uses a 6AQ5 final, & a 12AX7 speech amplifier. Both halves of the 12AX7 are used in the transmit position, while only one half is used in the rec'r. circuit.

The receiver uses a 6AN8, with one-half as a r.f. amp. and the other half as a superreg. detector.

The power supply uses two silicon diodes in a full wave voltage doubler circuit, with a small power transformer. Power requirements are 105-125 v. 50/60 cy. 35 watts, or 6 v. at 1.8 amps and 260 vdc at 60ma., or 12vdc at 0.9 amps. and 260 vdc at 60ma. The net weight of the rig is 6½ lbs.

The instructions are the usual fine style of all Heath Kits and all the parts were included down to the last wire. The rig has worked all over Indpls. and into Kokomo & other surrounding towns. The receiver can pick up all that other popular tranceivers can on a local basis.

One tip that should be observed; order the crystal before or at the same time you order the kit, as delivery on this item is a little slow and you stand a good chance of having a dandy rig ready to get on the air without that all important item.

* * * * *

March 1st marked the 20th anniversary of our paper, as has been stated, first published by Don Brewer as the Scandal Sheet. A code class with Paul Nelson, W9BHC was well into its second month at the Insley building headquarters of the club.

QST had articles on the T matched antenna, the variations of the Delta or Y matched antenna. Another article was on automatic tuning of the amateur transmitter. This although seemingly seldom used method on ham transmitters certainly reached a peak in the transmitters and receivers used during the war that followed so shortly after.

get two dipoles on the matched antenna, the variations of the Delta or Y matched antenna. Another article was on automatic tuning of the amateur transmitter. This although seemingly seldom used method on ham transmitters certainly reached a peak in the transmitters and receivers used during the war that followed so shortly after. By the way, the handbook was selling for \$1.00 and was sometimes offered on a deal at still a further reduced price when a subscription to QST was purchased at the same time.

Abbott Instrument was advertising a $2\frac{1}{2}$ meter Hi-power mobile transceiver with 20 watts input. Howard had 14 tube receiver, model 490 which covered 540 KC to 3 Mc., all for around \$250. The RME 99 was still fairly new at this time. Newark Electric of Chicago was carrying ads much the same as today

Know what a Transmogrification is?? One was advert-
ised even the same day.

ised on page 83 of the September 1940, QST.

At a recent meeting reference was made to the club meetings at Johnson's Castle. This was a mid-week get together held at G. K. Johnson's (now Center Township trustee) garage, radio repair workshop. There a post card or letter would be mimeographed and addressed for an announcement of the next meeting, hamfests, etc. Recalled by the writer as among those getting to these meetings

vere; G. K. Johnson himself (never did get a call); Ellerson Trusler, W9F0S; John Day, W9?; Caskey, W9DNQ; Dougual McDougal, W9?; Paul Nelson, W9BHC; D. J. Angus, W9CXQ; Bob Annis W9CUD; Earl Springer, W9?. Yep, at times the grocery crate seats were all taken up by hecklers and addressers. Many a fine tale was sprung and spun during the evening and at one time even a hypnotic demonstration was put on by Earl Springer the hypnotist and John Day the subject. Surprised everyone including the hypnotist. Those were the days of close friendship with time to do things and not enough money to do everything as today.

Since building a Monimatch, on which I use two meters to indicate both forward and reflected power at the same time, I have been requested by several of you to publish the circuit in Ama-Chever, so get your solder irons out and lets go. First of all, you will need two copies of QST, the Oct. 1956 issue, page 11, and the February 1957 issue, page 38. Mr. I. G. McCow, W1ICP did a very good job of presenting

1956 issue, page 11, and the February 1957 issue, page 38. Mr. L.G. McCoy, WLICP, did a very good job of presenting all the construction, calibration, and use data necessary and we will not repeat it here. Our Monimatch was constructed on the Mark II (February 1957 issue) plans and the only modification we made was to use two meters, as shown below. This arrangement gives identical results with the single meter method which involves switching.

Potentiometers R1 and R2 are sections of a dual unit pot. with the value of each section being about 25,000 ohms. I used an AB type, 2 watt Ohmite unit, but less expensive units by Centralab or IRC will work just as well. The unit may be incorporated in a single box of suitable size with the Monimatch or the indicator may be in a separate box. The results will be the same if you follow McCoy's instruc-

CAUTION: Devices using diodes in the transmission line to an antenna are very good harmonic generators. If you do not use a harmonic filter in the coax line after the Monimatch you may radiate the evil demons and invite a complaint of the Tennessee Valley Indiana.

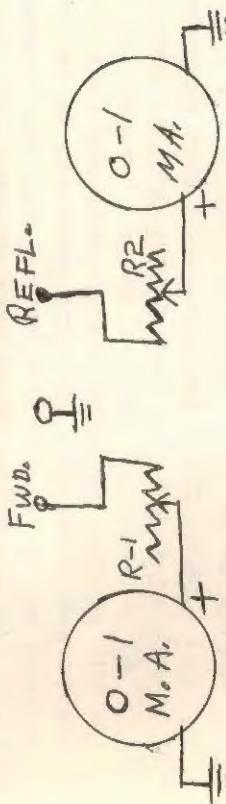
* * * * *

SPLATTER

Carmel High Radio Club reports that their membership is now up to 16 active members, KN9VTS and KN9VVS operating and four more of the gang awaiting the mailman. The club station is on the air two mornings each week on 75 fone with W9VVT the guiding hand at the controls.

+

ABC IS YOUR CLUB SUPPORT IT BY ATTENDING MEETINGS



Gumperson's Law as herein explained accounts for the fact that you get a Q5 X 20 over 9 report out of a hay-wire breadboard lash up and then can't get any grid drive on a carefully assembled showpiece using all new parts.

The law simply stated is that, "the contradictory of a welcome possibility will assert itself when ever such an eventuality is likely to be most frustrating", or another version, "the outcome of a given desired probability will be inverse to the degree of desirability."

A brief elucidation of the law, with details on its origin, is presented herewith for the benefit of the lay reader.

Dr. R.F. Gumperson, internationally known devicist began serious work in 1938 on a long known but curious phenomenon, ie; the forecasting record of the weather bureau, using the most advanced equipment and highly trained personnel was not as good as that of the old "Farmers Almanac." After 4 years of research Dr. Gumperson enunciated his now famous law and made a series of predictions, some of which are reported here.

That all 6M band openings will occur during working hours.

That the best parking places will always be on the other side of the street.

That the rig will always blow up 30 minutes before company comes to see what you have been bragging about. That a child can be exposed to the mumps for weeks without catching them, but can without exposure catch them the day before the family goes on vacation.

That a new beam on a 60 foot tower won't get out as well as the old beam on a 25 foot pole.

That after a raise in salary, you will have less money at the end of the month than you had before.

That all meters when first inserted in a circuit will always read backwards.

Dr. Gumperson served as a consultant to the Armed Forces during WW II and envolved the procedure whereby the more a recruit knew about radio the better chance he had of receiving an assignment in the Medical Corps.

There is no way of knowing to what further glittering heights Dr. R.F. Gumperson's genius would have led him, had it not been for his untimely death in 1947. Strolling along the highway one evening, obeying the pedestrian rule of walking to the left, facing traffic, he was struck down from behind by a Hillman Minx driven by an English visitor hugging the left side of the road.

FOR SALE: 6 meter station---Gonset Com. III-5 element beam, Tower and Reflected Power Meter---\$200.00

Jack Hofeld, W9VVX
TI 9-2395

* * * *

CALL LETTERS IN MANY COLORS

Hams in almost all the states of Uncle Sam's big back yard including Alaska and Hawaii now have their call letters on their license plates. New Jersey, Massachusetts, Maine, New York and Kentucky are the only states that have not seen fit to issue call plates. It would be a good article for QST, if they were to compare the plates issued in each state on a population basis and report the leaders. How about it New Haven???????

GELOSO DATES WAY BACK IN RADIO

The following is taken from the February issue of Allied Ham News, per permission of Larry Blostein, W9BUD, Editor.

In all probability, very few American Amateurs could tell you what the Societa per Anzioni Geloso, of Milan, Italy is, or does. Inasmuch as they produce some first-rate Amateur equipment under the name Geloso, we thought it would be a good idea to give a little rundown on them. They produce the G-209 receiver and the G-212/TR transmitter.

Back in 1929, John Geloso, now president of the firm bearing his name, was chief engineer at the old Pilot Radio Corporation. The famous "Super-Wasp" he designed during that era was considered one of the "hottest" shortwave receivers available. Out of curiosity we looked through some old catalogs and found not only the "Original Battery-Powered Super-Wasp", but also the "New Improved AC Operated Super-Wasp." We're told that some of these "Super-Wasps" are still in use in various parts of the world. From the looks of the latest Geloso equipment and the performance they deliver, it seems that they too will be an excellent long-term investment for the Amateur.

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SPLATTER

Tony Bowman, W9EIR and Joe Chasey, W9EIV are both sporting new SB10's working into their DX100's and enjoying the convenience of VOX, to say nothing of SSB.

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